U.S. GEOLOGICAL SURVEY OPEN FILE MAP UNITED STATES NORTHEAST OF SOUTHWEST OF RINCONADA FAULT RINCONADA FAULT (Quaternary units same Qg as those NE of fault) Qa Tm Ts Surficial sediments Qg, river sand-gravel Monterey Shale Qa, alluvium (marine; middle and upper Miocene) QIS Tm, siliceous shale Ts, sandstone Landslide debris Tb Qoa Basalt Older alluvium Tvs Tvc Qfg Vaqueros Formation Alluv.fan gravel (marine, mainly lower Miocene-Saucesian UNCONFORMITY Stage, possibly in part Tmo Reliz. and Zem. Stages) Tvs, sandstone Tmo-1 Tvc, mostly clay shale Morales Formation (terrestrial) Tmo, sand & pebbly sand Unnamed nonmarine Tmo-i, mostly clay strata (red beds) UNCONFORMITY UNCONFORMITY Tsm Ksh Kss Kcg Kcn Santa Margarita Fm. Ksh marine white sandstone; Unnamed strata (mostly marine) upper Miocene) Ksh, mostiy clay shale Kss, mostly sandstone Tm (Tmw) Kcg, mostly conglom. Tric (Tris) Kon nonmarine red and Wonterey Shale and green conglom., sandst. Branch Canyon Sandst. and shale lmarine, mainly middle Ke Miocene-Luisian-Relizian Stage Espada Formation Trn. Monterey Shale(silic. shale)includes Trnw, Whiterock Bluff Shale Mbr. (of Dibblee, 1966) (marine dark shale, thin sandstones) Tmc, Monterey Shale (clay shale) includes Tms, Saltos R. B CRE sp Shale Member Serpentine Ths, Branch Canyon Sandst. Typ Vagueros Formation Painted Rock Sandstone Member, marine, lower Miocene, Saucesian Stage UNCONFORMITY Kss Tss Unnamed strata (marine sandstone, minor shale and conglomerate) Contact Dashed where gradational or approximately located Fault Dashed where doubtful Dotted where concealed U, Upthrown side D, Downthrown side Arrows indicate horizontal movement single arrow indicates dip of fault INDEX TO SOURCE OF GEOLOGY Vedder and others, 1967 Anticline Syncline 2. J.G. Vedder and R.D. Brown, Axis of fold showing unpublished direction of plunge 3.T. W. Dibblee Jr. unpub. Horizontal 30 4 Inclined Vertical ≥ 70 Overturned Strike and dip of strata Abandoned well drilled for oil or gas Oil well drafted by K. Moore and G.J. Edmonston) Slate Roule sandstone beds Compiled by T. W. Dibblee Jr., 1971 MC PHERSON PEAK, CALIF TE THATICH AT CENT Geology SW of crest of Sierra Madre Mins., and THE AND SYMBOLE IS AVAILABLE ON REQUEST of NW corner, slightly modified from Vedder and others, 1941 Reference 1967; Cuyama Valley area, and SW of Manzana AMS 20051 IV-SERIES V785 Vecder, J.G., Gower, H.D., Clifton, H.E., & Durham, D.L., 1967 Creek, by T. W. Dibblee Jr. 1952-54, unpublished Reconnaissance geologic map of the central San Rafael Mins and vicinity, Santa Barbara County, Calif. U.S.Geol. Surv. This map is preliminary and has not Misc Geol Inv Map 1-487

GEOLOGIC MAP OF THE MC PHERSON PEAK QUADRANGLE, CALIFORNIA

been reviewed for conformity with U.S. Geological Survey standards and nomenclature.